

# 1112/0,5.3.76.90

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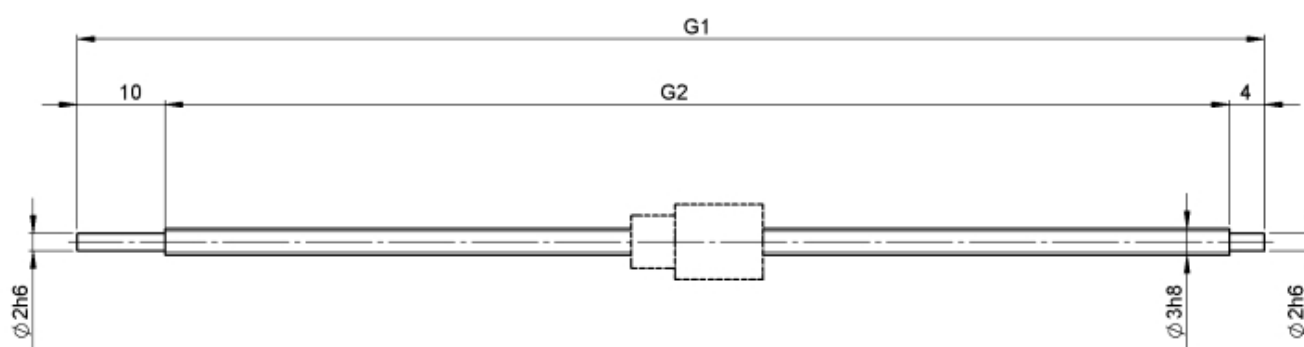
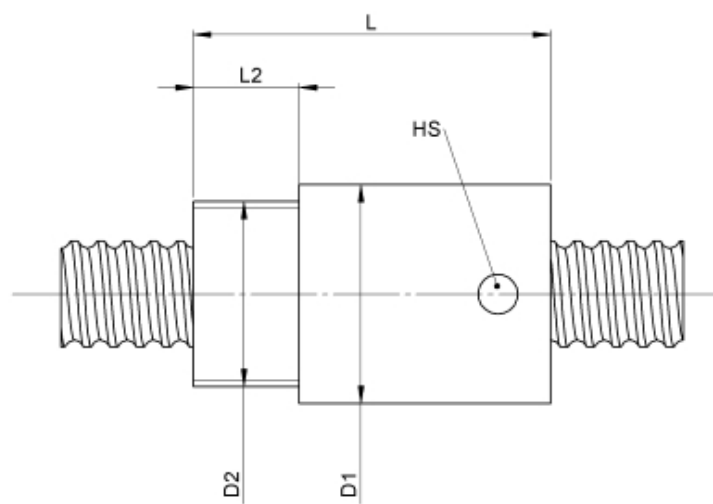
## DESCRIPTION

- Nut Series 1112 with [internal ball return](#), Cylindrical nut with connecting thread and 4-point-contact, without wipers
- Single start ball thread, ground execution according to accuracy class P1 - P5
- Miniature ball screws also available with axial play



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## TECHNICAL DATA AND DIMENSIONS



|                  |      |    |        |                                     |       |               |      |
|------------------|------|----|--------|-------------------------------------|-------|---------------|------|
| Series           |      |    | 1112   | Friction torque FROM                | [Ncm] | 1,0           |      |
| Nominal diameter | [mm] | dN | 3      | Friction torque TO                  | [Ncm] | 1,0           |      |
| Lead             | [mm] | P  | 0,5    | Accuracy                            |       | P             |      |
| Shaft style      |      |    | A      | Preload/backlash free/with backlash |       | backlash free |      |
| Nominal stroke   | [mm] |    | 50     | Nut length                          | [mm]  | L             | 15   |
| Overall length   | [mm] | G1 | 90     | Thread length                       | [mm]  | L2            | 5    |
| Thread length    | [mm] | G2 | 76     | Dynamic load capacity               | [kN]  | Ca            | 0,09 |
| Ball circles     |      | i  | 1x2    | Static load capacity                | [kN]  | C0a           | 0,09 |
| Ball diameter    | [mm] | dW | 0,6    | Pilot diameter                      | [mm]  | D1            | 8,5  |
| DN-value         |      |    | 120000 | Thread diameter                     | [mm]  | D2            | M6   |
| No. of starts    |      |    | 1      |                                     |       |               |      |

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